

MARK UP VERSION OF AMENDMENTS

B. --The output signals from the detectors 26 and 28 can be compared to provide a differential output. This output is accessed through interface [26] 16 and analyzed by a remote processing system wherein analytical derivation is performed and meaningful information regarding the sample is obtained.--

D. --Thus, a complete sensor is disclosed having a light source 60, detector 62 and waveguide 58 components among others. The components are operably coupled to each other in a manner known to those skilled in the art according to the invention. For example, without limiting the invention, the [following] circuit diagram of Fig. 8 demonstrates one possible arrangement of the components according to the invention. --

REMARKS

If Examiner has any comments or suggestions, Applicants respectfully request that Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

Respectfully submitted,



David Denker
Reg. No. 40,987

Texas Instruments Incorporated
P. O. Box 655474, MS 3999
Dallas, Texas 75265
(972) 917-4388
Fax (972) 917-4418